

Spectracide
Diazinon 4E
 47.5% Insect Spray Concentrate

Spectrum Group
 Division of United Industries Corp
 P.O. Box 15842
 St. Louis, MO 63114

Hazardous Material Identification System-(HMIS)

HEALTH - 2

REACTIVITY - 0

FLAMMABILITY - 2

PERSONAL - Rubber gloves,
face mask / goggles

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

I Trade Name: SpectracidePRO Diazinon 4E 47.5% Insect Spray Concentrate

Product Type: Liquid Dilutable Concentrate Insecticide

Product Item Number: 30150

Formula Code Number:

EPA Registration Number

Manufacturer

Emergency Telephone No.

100-463-8845

Chemisco
 8494 Chapin Industrial Drive
 St. Louis, MO 63114

For Chemical Emergency: 1-800-633-2873
 For Information: 1-877-773-2776
 Prepared by: C.A. Duckworth
 Date Prepared: November 24, 1998

II Hazardous Ingredients/Identity Information

III Physical and Chemical Characteristics

Chemical	%	OSHA PEL	ACGIH TLV
Aromatic Petroleum Hydrocarbon	42.5	100 ppm	NA
CAS #64742-94-5			
Paraffinic Petroleum Distillate	10.0	100 ppm	100 ppm
CAS #64742-21-8			
Diazinon	47.5	0.1 mg/m ³ (skin)	0.1 mg/m ³
CAS #333-41-5			

Appearance and Odor	Clear yellow liquid. Strong diazinon odor
Boiling Point	NA
Melting Point	NA
Vapor Pressure	NA
Specific Gravity	0.93 (H ₂ O=1)
Vapor Density	greater than 1 (Air=1)
% Volatile (by vol.)	70%
Solubility in Water	emulsifiable in water
Evaporation Rate	less than 1 (Butyl Acetate=1)

IV Fire and Explosion Hazard Data

V Reactivity Data

Flash Point:	153°F (TCC)
Flame Extension:	N/A
Flammable Limits:	N/A
Autoignition Temp.	N/A
Fire Extinguishing Media:	Water Fog, Carbon Dioxide, Dry Chemical
Decomposition Temp.:	N/A
Special Fire-Fighting Procedures:	Keep containers cool to avoid explosive ignition. Use self-contained breathing apparatus in enclosed areas. Dike area to prevent runoff. Fight fire upwind.
Unusual Fire and Explosion Hazards:	Vapors are heavier than air and may travel along ground to ignition sources distant from handling point. Vapors and fumes may be hazardous. Also see Section V.

Stability:	Stable
Polymerization:	Will not occur
Conditions to Avoid:	Acids and bases
Incompatible Materials:	N/A
Hazardous Decomposition or Byproducts:	O,S-TEPP (in presence of trace amounts of water). This reaction will not occur when diazinon is mixed with large amounts of water.

VI Health Hazard Data

VII Precautions for Safe Handling and Use

Ingestion (Swallowing): Harmful if swallowed. First Aid: Consult a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

Skin Contact: Harmful if absorbed through skin. First Aid: Wash promptly with soap and water. Rinse thoroughly. Get medical attention.

Eye Contact: Causes moderate eye injury. First Aid: Rinse eyes with plenty of water and call a physician immediately.

Inhalation Toxicity: Harmful if inhaled. Avoid breathing vapors. First Aid: Remove to fresh air. Apply artificial respiration if indicated. Get medical attention.

Special Notes: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. This product contains aromatic petroleum distillates which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

Health Conditions Aggravated by Exposure: Existing skin or respiratory disorders.

Ingredients listed by NTP, OSHA or IARC or Carcinogens or potential carcinogens: None.

Steps to be Taken in Case Material is Released or Spilled: Avoid breathing vapors. Remove ignition sources. Avoid skin contact with liquid. Soak up with absorbent material.

Waste Disposal: Give to qualified waste disposal service.

Handling & Storage Precautions: Store in well-ventilated area, away from food and beverages. Wash thoroughly after handling. Do not store where temperatures can exceed 54°C/130°F.

VIII Control Measures

IX Transportation Data

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

DOT Shipping Name: Consumer Commodity
 DOT Hazard Class: ORM-D

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

Spectracide[®] PRO[™]

Diazinon 4E

47.5% Insect Spray Concentrate

MSDS Sheet and Technical Information

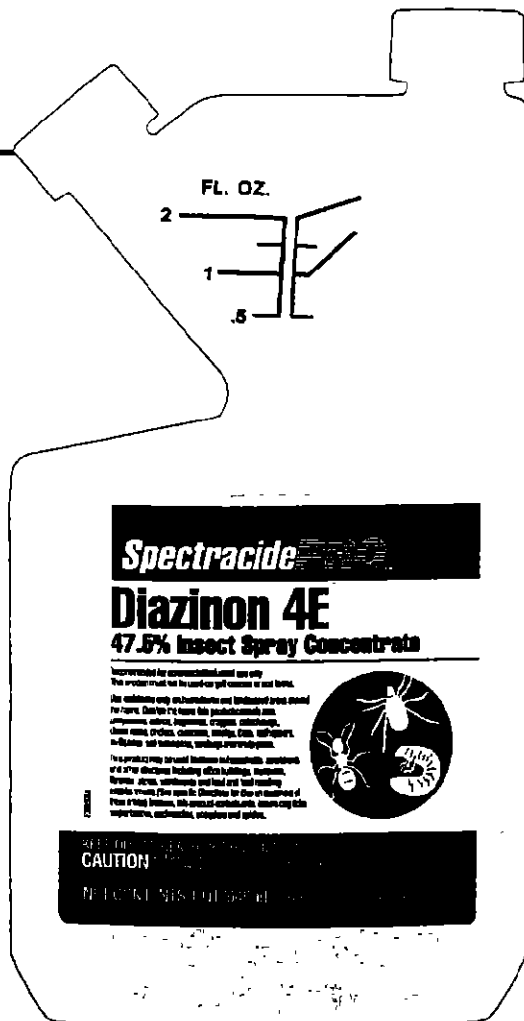
SpectracidePRO™ Diazinon 4E 47.5% Insect Spray Concentrate is for use outdoors on home lawns and landscaped areas around the home. This product may also be used indoors in households, apartments and other structures (see specific Directions for Use on treatment of these areas).

Diazinon 4E.....

- can be used indoors as a crack and crevice or limited spot treatment
- can be used outdoors on lawns and ornamentals
- contains 4 lbs. of Diazinon per gallon
- kills ants, aphids, chinch bugs, cockroaches, various mites, white grubs and others listed

Specifications

- Active ingredient(s): Diazinon
- Size: 32 oz. tip & measure bottles



 **SpectracidePRO Technical Support Line**
Call toll free 877-SPECPRO (877-773-2776)

Item No. 30150
UPC: 0 71121 30150 5

SIGNAL WORD:
CAUTION

NET CONTENTS 1 QT./946mL

Active Ingredient:

Diazinon [O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate].....	47.5%
Inert Ingredients*	52.5%
Total.....	100.0%

Contains xylene range aromatic solvent.
Contains 4 lbs. of diazinon per gallon.